

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

BURFORDVILLE STONE, L.L.C.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 25 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Cape Girardeau	23	31N	11E	25	0	25	Limestone Mine #1	1885

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 3rd day of August 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0886

Effective Date 08/30/2004

Expiration Date 08/29/2005

MO 780-1122 (6-95)

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND RECLAMATION COMMISSION
P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <u>Burfordville Stone LLC</u>		DATE <u>June 25, 2004</u>	
ADDRESS <u>1211 Hwy 00</u>	CITY <u>Whitewater</u>	STATE <u>Mo</u>	ZIP CODE <u>63785</u>
CONTACT PERSON <u>Gary Cook</u>		TELEPHONE NUMBER <u>573-244-1794</u>	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. <u>Limestone Mine #1</u>	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ <u>300.00</u>
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$

TOTAL SITE FEE 300.00

2. Acreage Fee \$5 X 25 number of acres bonded \$ 125.00

3. Annual Permit Fee \$ 500 500.00

4. Total Fee (Add totals from 1, 2 and 3) \$ \$ 925.00
NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ 300

SIGNATURE OF APPLICANT <u>[Signature]</u>	TITLE <u>General Manager</u>	DATE <u>July 20, 2004</u>
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Appeared before me this 20th day of July, 20 04, Gary L. Cook
to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>Missouri</u>	COUNTY (OR CITY OF ST. LOUIS) <u>Bollinger</u>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>20th</u> DAY OF <u>July</u> YEAR <u>2004</u>	
	NOTARY PUBLIC SIGNATURE <u>[Signature]</u> NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>Nancy Landewe</u>	MY COMMISSION EXPIRES <u>06-24-05</u>

NANCY LANDEWEE
Notary Public - Notary Seal
State of Missouri
County of Bollinger
My Commission Exp. 06/24/2005

FOR DEPARTMENT USE ONLY: APPROVED BY <u>[Signature]</u>	DATE APPROVED <u>7/29/04</u>	PERMIT NUMBER <u>886</u>	EXPIRATION DATE <u>8/29/05</u>
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SITE INFORMATION

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Complete this form for each separate area of disturbance associated with mining operations. MISSOURI LAND RECLAMATION COMMISSION		
SITE NAME OR NUMBER <i>Limestone Mine #1</i>		PERMIT NUMBER <i>#0886</i>
COMPANY <i>Burfordville Stone, L.L.C.</i>		
COUNTY <i>Cape Girardeau</i>	1/4 SECTION <i>NW 1/4</i>	SECTION <i>23</i>
TOWNSHIP <i>31N</i>	RANGE <i>11E</i>	ACRES <i>8 Existing - 17 New</i>
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)		
MINERAL COMMODITY <i>Limestone</i>		ESTIMATED TONS/YEAR (GRAVEL SITES)

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) <i>James & Donna Barks</i>		
ADDRESS <i>Rt. 1 - Box 173</i>		
CITY <i>Marble Hill</i>	STATE <i>Mo</i>	ZIP CODE <i>63764</i>
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL		DATE OF AGREEMENT <i>7-11-01</i>

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <i>(Same as above)</i>		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL		DATE OF AGREEMENT
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

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MISSOURI P.O. BOX 176
JEFFERSON CITY, MO 64602-0176

COMPANY NAME

Burfordville Stone, L.L.C.

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE:

7-21-2021

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DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

This plan covers an area of 25 acres (see detail map). All of this mine area lies in an area of woods that are steep sloped with many trees. The top soil is very thin to none where stone outcrops. There are no public roads close to this area. The Whitewater River is about 150 feet away.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

One INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The trees will be removed from this area. If any topsoil is found it will be moved by loader and dozer to a storage pile to be saved. This pile will be seeded. The topsoil removal will be kept at least 20 feet ahead of the pit expansion.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

A dozer and loader will be used to scrape and move any topsoil into a pile. A loader and trucks may be used to place it onto another pile. This pile will be protected by planting seed and allowing it to grow.

PERMIT NO.

0886

SITE NUMBER/NAME

1885

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B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

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The spoil will be removed to expose the limestone. Only a small amount of spoil is expected as limestone is exposed in many parts of this area. The spoil will be piled on part of this permitted area at a 3:1 slope. Some spoil will be removed from this leased area.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

See the map. The limestone pit was started in 2001 on the south of the existing 8 acres mine area. The pit face has been moving towards the north and will proceed into the new 9 acre area. The mining will continue towards the north through this new 9 acre area. The new 8 acre area on the south of the existing 8 acre mine area will be used to store overburden and eventually the pit will move south through this area.

YES NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road?
(NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right-of-way, and in no case may the excavation be closer to the right-of-way than fifty feet or twenty-five feet plus one and one-half (1½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "YES", a safety barrier may be needed.)

PERMIT NO.

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SITE NUMBER/NAME

#1885

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

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A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1

#1

PURPOSE OR LAND USE

Wildlife

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B. SEEDING OR PLANTING TIME

Spring (3-15 to 5-15)

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

During the first spring following Topsoil replacement
This seed mix will be broadcasted and harrowed.
Reseeding will be done as needed

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Red clover	15		
White clover	10		
Orchard Grass	30		

REVEGETATION MIX #2

#2

PURPOSE OR LAND USE

Pasture

B. SEEDING OR PLANTING TIME

Spring (3-15 to 5-15)

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

During the first spring following Topsoil replacement
this seed mix will be broadcast and harrowed. Reseeding
will be done to achieve grass cover to control erosion
and to support pasture

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Orchard grass	20		
Alfalfa	20		
Fescue	10		

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

PERMIT NO.

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B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

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All spoil piled areas will be graded to slopes traversable by farm machinery. The pit with rock walls will be allowed to fill with water. This fresh water lake or pond can be stocked with fish and become a recreation area.

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Removal of top soil and spoil will be done as the pit advances. The topsoil removal will stay 20 feet or more ahead of the pit advancement. The spoil pile will be graded within one year to a 3:1 max. slope. In accordance with 10CSR 40-10.050 (A)(C)

REPLACEMENT OF TOPSOIL

Top soil will be replaced to a minimum depth of 12 inches and disced. Topsoil will not be replaced to areas that will be underwater. Topsoil will be replaced in accordance with

REVEGETATION

10CSR 40-10.050 (10)(A)

all areas that will have topsoil added will be seeded during the first spring following topsoil replacement. In accordance with 10CSR 40-10.050 (A)(B)(C).

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

A minimum of 12 inches will be replaced

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Existing New

Wildlife (forest or other habitat with livestock excluded)

1 3

Agricultural (pasture, cropland, and horticultural)

1 1

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agriculture, or development)

6 13

PERMIT NO.

#0886

SITE NUMBER/NAME

#1885



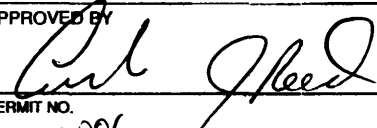
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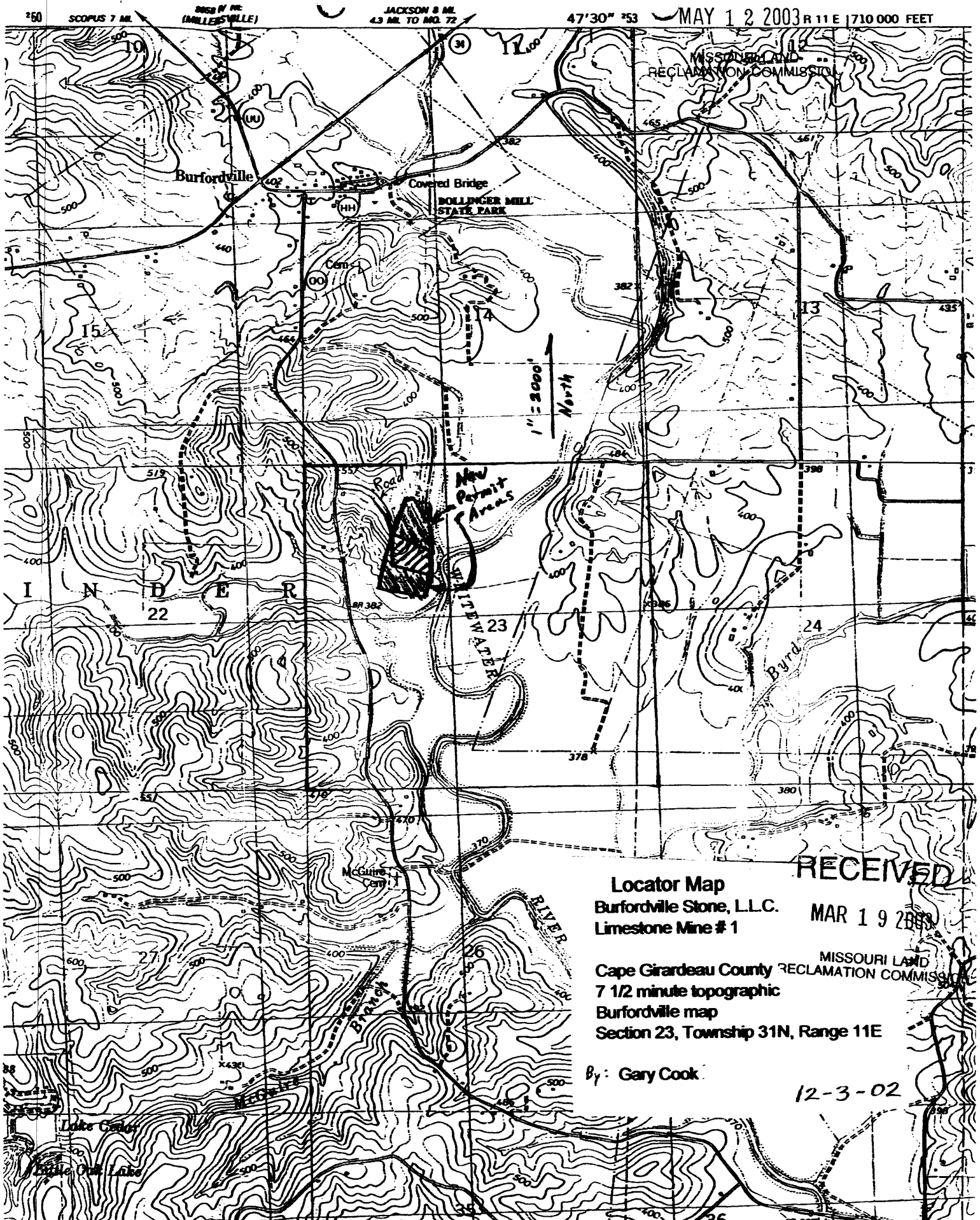
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By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.790, RSMo 2001, and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's (for all lease agreements made after August 28, 1990 on leased land) for all proposed post-mining land uses.
4. I have obtained the approval of all landowner's, (for all lease agreements made after August 28, 1990 on leased land) for all proposed seed mixtures.
5. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT 		TITLE		DATE		
NOT VALID UNLESS NOTARIZED	STATE <u>Missouri</u>		COUNTY (OR CITY OF ST. LOUIS) <u>Bollinger</u>			
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>14</u> DAY OF <u>March</u> YEAR <u>2003</u>		USE RUBBER STAMP IN CLEAR AREA BELOW.			
	NOTARY PUBLIC SIGNATURE 					MY COMMISSION EXPIRES
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Beverly J. Filer, Notary Public Bollinger County, State of Missouri My Commission Expires 10/20/2005					
FOR DEPARTMENT USE ONLY						
APPROVED BY 			DATE APPROVED <u>6/3/03</u>		PERMIT NUMBER <u>0886</u>	
PERMIT NO. <u>0886</u>			SITE NUMBER/NAME <u>Limestone Mine #1 / 1885</u>			

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Locator Map
Burfordville Stone, L.L.C.
Limestone Mine # 1

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Cape Girardeau County MISSOURI LAND RECLAMATION COMMISSION
7 1/2 minute topographic
Burfordville map
Section 23, Township 31N, Range 11E

By: Gary Cook

12-3-02

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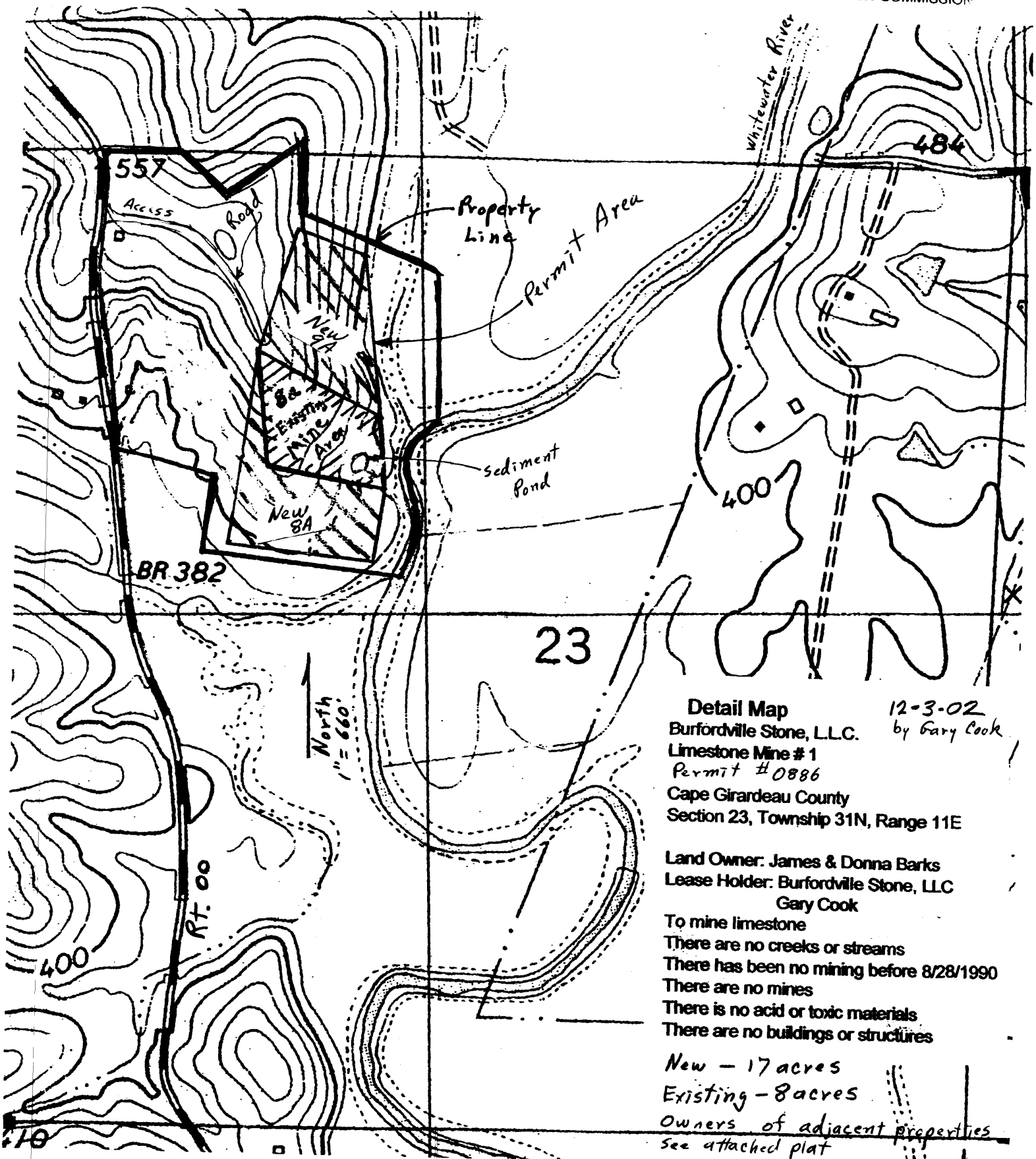
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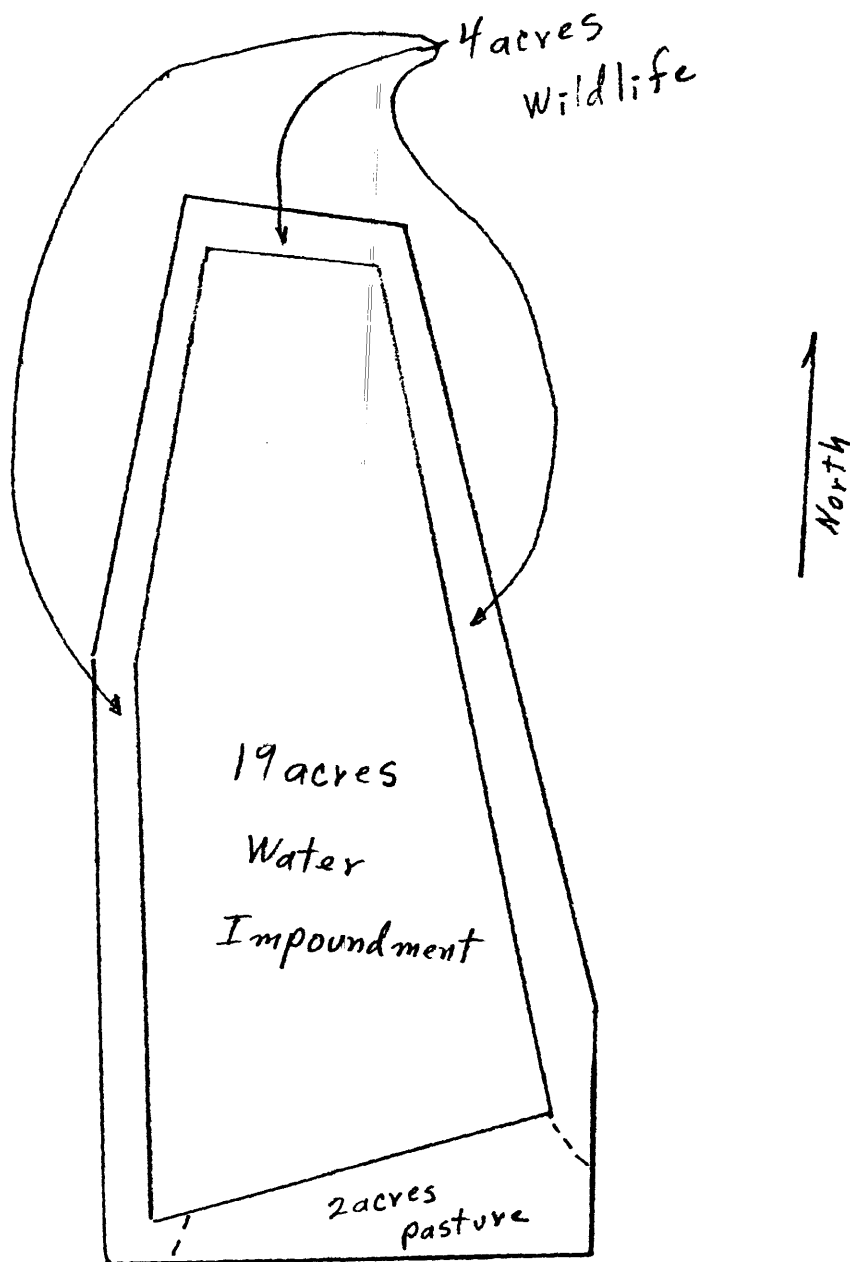
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Post-mining Land use
Burfordville Stone LLC.